



DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas Corp.**

PO Box 837
Russell KS 67665

ATTN: Brad Hutchison

Brookover #21-1

21-13s-30w Gove,KS

Start Date: 2012.08.17 @ 12:24:00

End Date: 2012.08.17 @ 17:34:24

Job Ticket #: 48823 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.08.22 @ 14:36:16



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Prospect Oil & Gas Corp.

21-13s-30w Gove,KS

PO Box 837
Russell KS 67665

Brookover #21-1

Job Ticket: 48823

DST#: 1

ATTN: Brad Hutchison

Test Start: 2012.08.17 @ 12:24:00

GENERAL INFORMATION:

Formation: **LKC "H- J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:01:25

Time Test Ended: 17:34:24

Test Type: Conventional Bottom Hole (Initial)

Tester: Will MacLean

Unit No: 40

Interval: 4105.00 ft (KB) To 4180.00 ft (KB) (TVD)

Reference Elevations: 2899.00 ft (KB)

Total Depth: 4180.00 ft (KB) (TVD)

2894.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8360

Inside

Press @ Run Depth: 65.24 psig @ 4106.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.17

End Date:

2012.08.17

Last Calib.:

2012.08.17

Start Time: 12:24:00

End Time:

17:34:24

Time On Btm:

2012.08.17 @ 14:01:10

Time Off Btm:

2012.08.17 @ 16:07:55

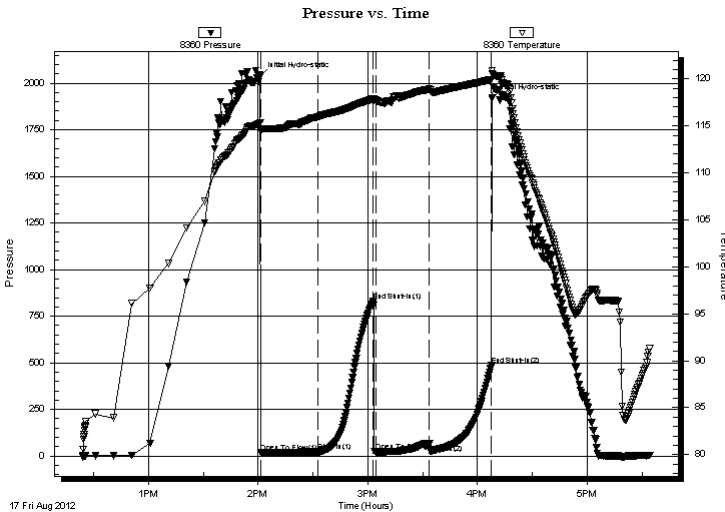
TEST COMMENT: IF- Weak Surface Blow Built to 1"

IS- No Blow

FF- No Blow

FS- No Blow

PRESSURE SUMMARY



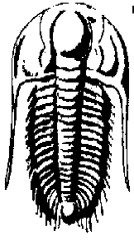
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2037.46	115.32	Initial Hydro-static
1	18.35	114.43	Open To Flow (1)
32	22.92	115.98	Shut-In(1)
62	831.83	117.86	End Shut-In(1)
64	23.84	117.73	Open To Flow (2)
93	65.24	118.90	Shut-In(2)
127	487.71	119.95	End Shut-In(2)
127	1915.89	120.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	100% m w ith Oil Spots	0.35

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Prospect Oil & Gas Corp.
PO Box 837
Russell KS 67665
ATTN: Brad Hutchison

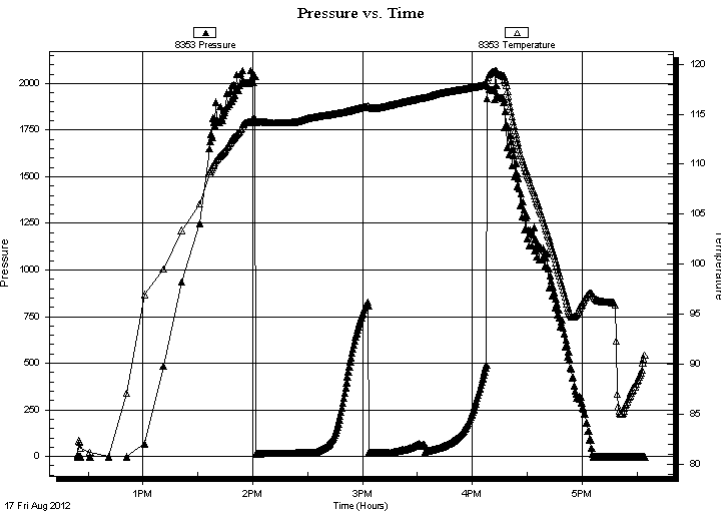
21-13s-30w Gove,KS
Brookover #21-1
Job Ticket: 48823 DST#: 1
Test Start: 2012.08.17 @ 12:24:00

GENERAL INFORMATION:

Formation: LKC "H - J"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:01:25
Time Test Ended: 17:34:24
Interval: 4105.00 ft (KB) To 4180.00 ft (KB) (TVD)
Total Depth: 4180.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Will MacLean
Unit No: 40
Reference Elevations: 2899.00 ft (KB)
2894.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8353 Outside
Press @ Run Depth: psig @ 4106.00 ft (KB)
Start Date: 2012.08.17 End Date: 2012.08.17
Start Time: 12:24:15 End Time: 17:34:30
Capacity: 8000.00 psig
Last Calib.: 2012.08.17
Time On Btm:
Time Off Btm:

TEST COMMENT: IF- Weak Surface Blow Built to 1"
IS- No Blow
FF- No Blow
FS- No Blow



PRESSURE SUMMARY

Table with columns: Time (Min.), Pressure (psig), Temp (deg F), Annotation

Recovery

Table with columns: Length (ft), Description, Volume (bbl)

Gas Rates

Table with columns: Choke (inches), Pressure (psig), Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Corp.

21-13s-30w Gove,KS

PO Box 837
Russell KS 67665

Brookover #21-1

Job Ticket: 48823

DST#: 1

ATTN: Brad Hutchison

Test Start: 2012.08.17 @ 12:24:00

Tool Information

Drill Pipe:	Length: 4105.00 ft	Diameter: 3.80 inches	Volume: 57.58 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 10000.00 lb
			<u>Total Volume: 57.58 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	4105.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	75.00 ft			
Tool Length:	95.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4086.00	
Shut In Tool	5.00			4091.00	
Hydraulic tool	5.00			4096.00	
Packer	5.00			4101.00	20.00 Bottom Of Top Packer
Packer	4.00			4105.00	
Stubb	1.00			4106.00	
Recorder	0.00	8360	Inside	4106.00	
Recorder	0.00	8353	Outside	4106.00	
Perforations	6.00			4112.00	
Change Over Sub	1.00			4113.00	
Drill Pipe	63.00			4176.00	
Change Over Sub	1.00			4177.00	
Bullnose	3.00			4180.00	75.00 Bottom Packers & Anchor

Total Tool Length: 95.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Corp.

21-13s-30w Gove,KS

PO Box 837
Russell KS 67665

Brookover #21-1

Job Ticket: 48823

DST#: 1

ATTN: Brad Hutchison

Test Start: 2012.08.17 @ 12:24:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.74 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	100% m with Oil Spots	0.351

Total Length: 25.00 ft Total Volume: 0.351 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

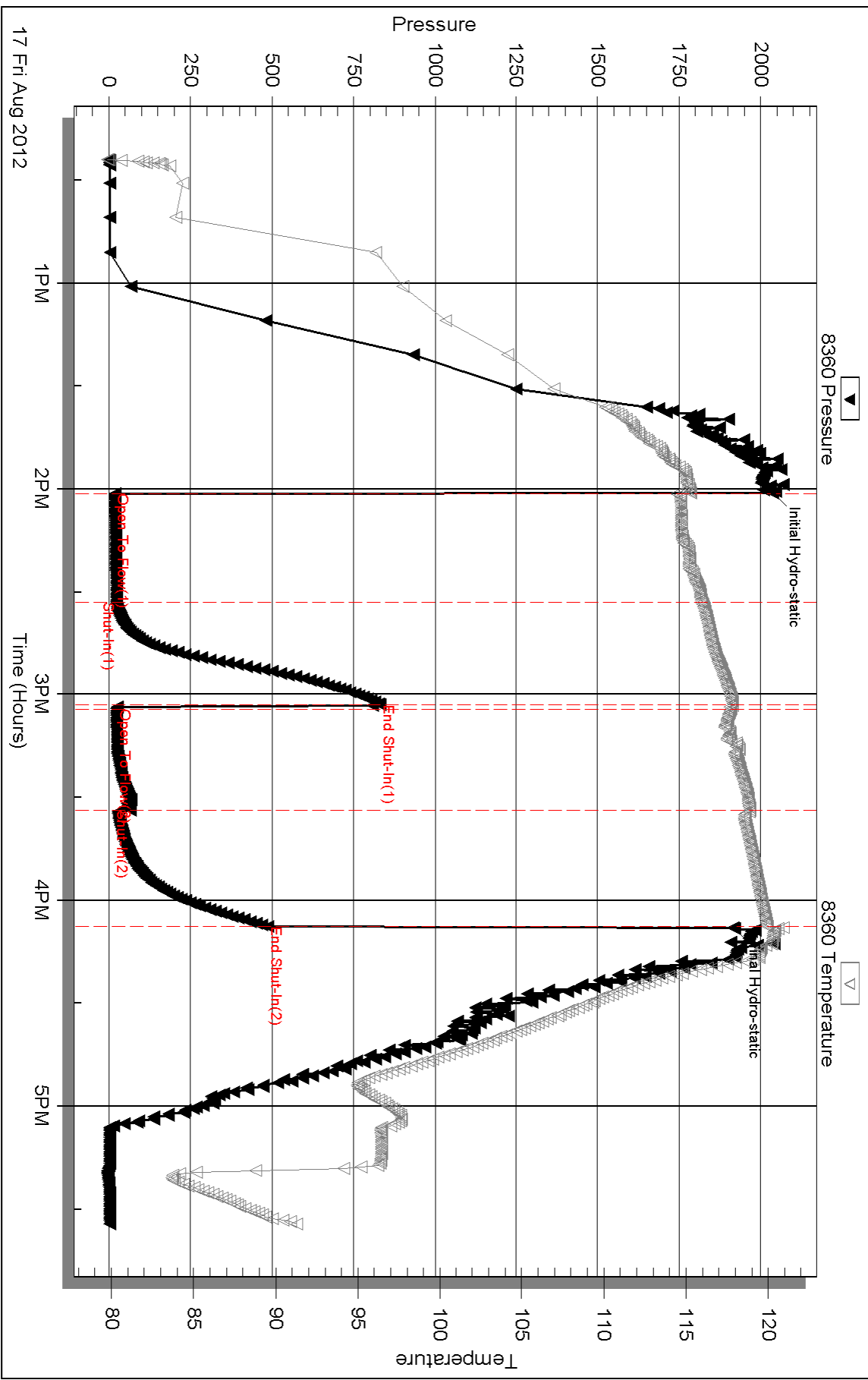
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

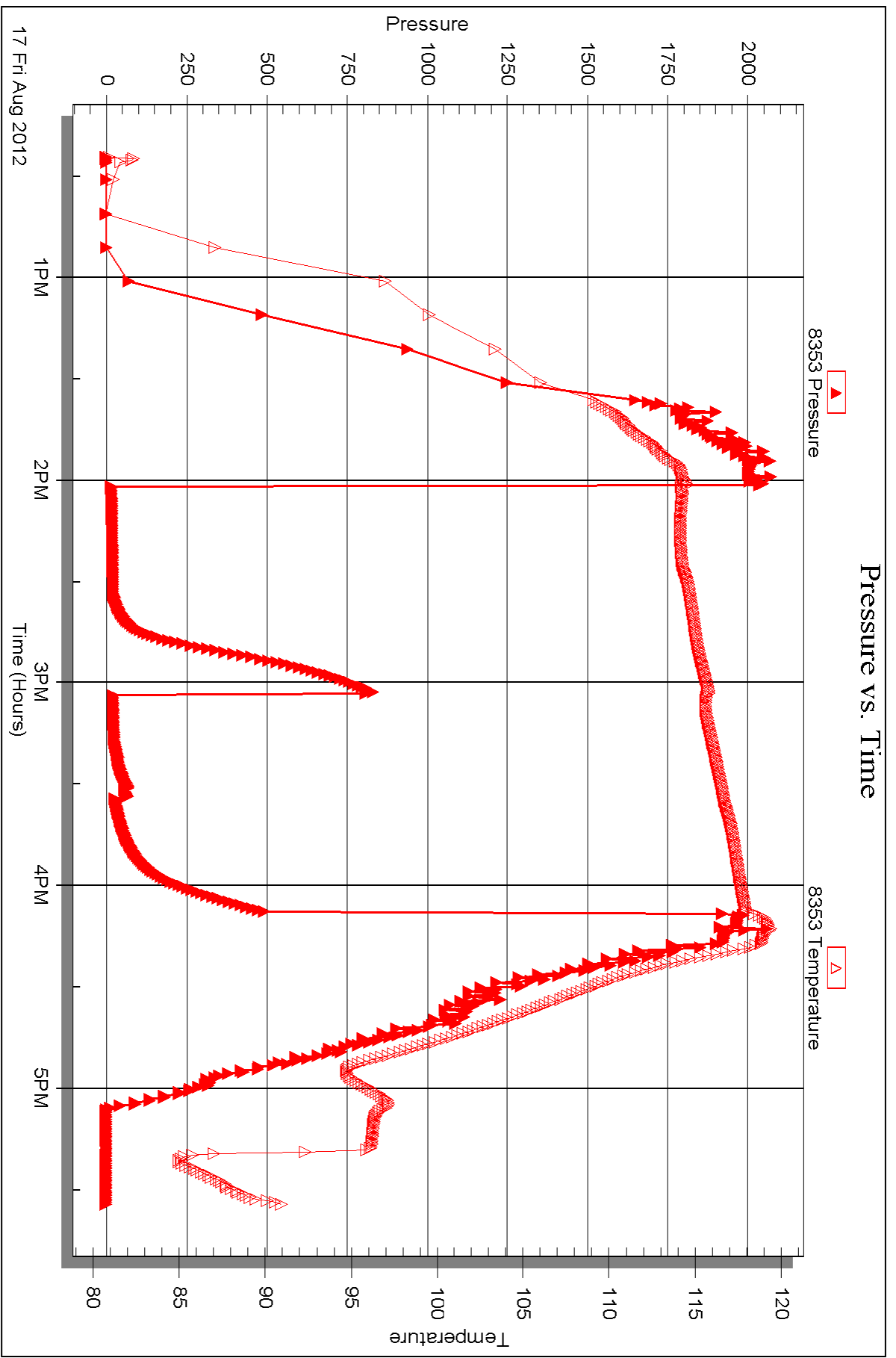


Serial #: 8353

Outside Prospect Oil & Gas Corp.

Brookover #21-1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas Corp.**

PO Box 837
Russell KS 67665

ATTN: Brad Hutchison

Brookover #21-1

21-13s-30w Gove,KS

Start Date: 2012.08.19 @ 07:36:00

End Date: 2012.08.19 @ 13:50:39

Job Ticket #: 48824 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.08.22 @ 14:35:13



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Prospect Oil & Gas Corp.

21-13s-30w Gove,KS

PO Box 837
Russell KS 67665

Brookover #21-1

Job Ticket: 48824

DST#: 2

ATTN: Brad Hutchison

Test Start: 2012.08.19 @ 07:36:00

GENERAL INFORMATION:

Formation: **Johnson / Mississipp**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:35:55

Time Test Ended: 13:50:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 40

Interval: 4460.00 ft (KB) To 4565.00 ft (KB) (TVD)

Reference Elevations: 2899.00 ft (KB)

Total Depth: 4565.00 ft (KB) (TVD)

2894.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8360

Inside

Press @ Run Depth: 22.95 psig @ 4464.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.19

End Date:

2012.08.19

Last Calib.:

2012.08.19

Start Time: 07:36:00

End Time:

13:50:39

Time On Btm:

2012.08.19 @ 09:35:10

Time Off Btm:

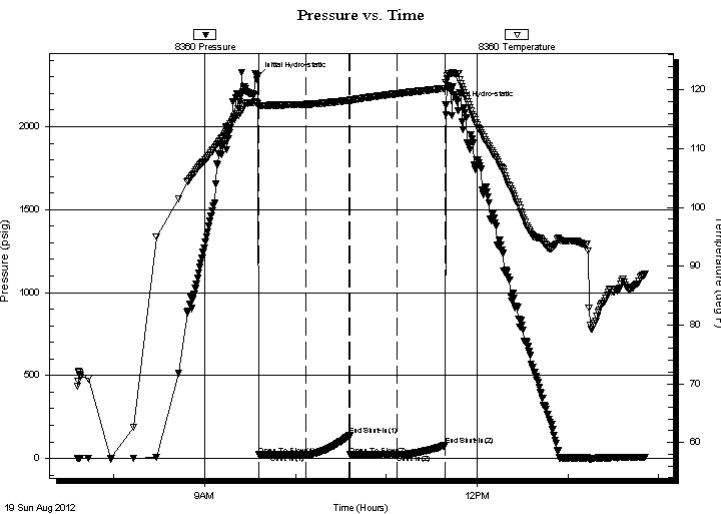
2012.08.19 @ 11:39:10

TEST COMMENT: IF- Weak Surface Blow 1/2"

IS- No Blow

FF- No Blow

FS- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2304.69	117.63	Initial Hydro-static
1	21.97	117.21	Open To Flow (1)
32	21.67	117.52	Shut-In(1)
61	137.40	118.21	End Shut-In(1)
61	22.04	118.16	Open To Flow (2)
92	22.95	119.34	Shut-In(2)
124	77.85	120.27	End Shut-In(2)
124	2129.03	121.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100% m with Few Oil Spots	0.07

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Prospect Oil & Gas Corp.

21-13s-30w Gove,KS

PO Box 837
Russell KS 67665

Brookover #21-1

Job Ticket: 48824

DST#: 2

ATTN: Brad Hutchison

Test Start: 2012.08.19 @ 07:36:00

GENERAL INFORMATION:

Formation: **Johnson / Mississipp**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:35:55

Time Test Ended: 13:50:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 40

Interval: 4460.00 ft (KB) To 4565.00 ft (KB) (TVD)

Reference Elevations: 2899.00 ft (KB)

Total Depth: 4565.00 ft (KB) (TVD)

2894.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8353 Outside

Press @ Run Depth: psig @ 4464.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.19

End Date: 2012.08.19

Last Calib.: 2012.08.19

Start Time: 07:36:15

End Time: 13:50:45

Time On Btm:

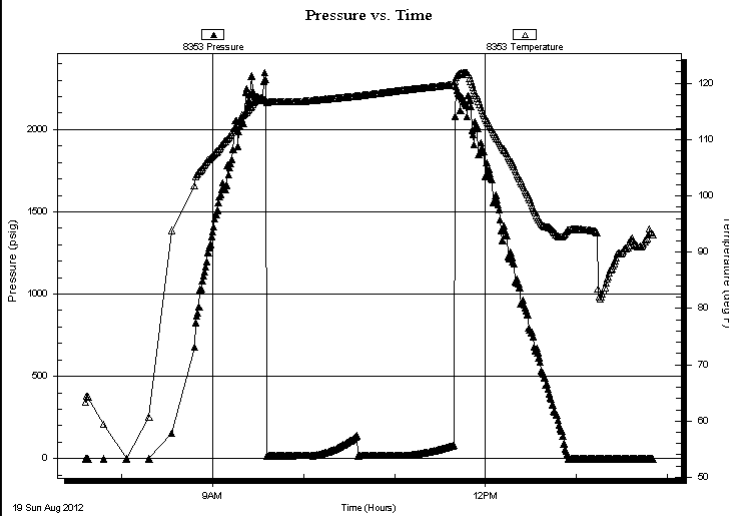
Time Off Btm:

TEST COMMENT: IF- Weak Surface Blow 1/2"

IS- No Blow

FF- No Blow

FS- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100% m with Few Oil Spots	0.07

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

* Recovery from multiple tests



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Corp.

21-13s-30w Gove,KS

PO Box 837
Russell KS 67665

Brookover #21-1

Job Ticket: 48824

DST#: 2

ATTN: Brad Hutchison

Test Start: 2012.08.19 @ 07:36:00

Tool Information

Drill Pipe:	Length: 4452.00 ft	Diameter: 3.80 inches	Volume: 62.45 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 8000.00 lb
			<u>Total Volume: 62.45 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	4460.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	105.00 ft			
Tool Length:	125.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4441.00	
Shut In Tool	5.00			4446.00	
Hydraulic tool	5.00			4451.00	
Packer	5.00			4456.00	20.00 Bottom Of Top Packer
Packer	4.00			4460.00	
Stubb	1.00			4461.00	
Perforations	3.00			4464.00	
Recorder	0.00	8360	Inside	4464.00	
Recorder	0.00	8353	Outside	4464.00	
Perforations	33.00			4497.00	
Change Over Sub	1.00			4498.00	
Drill Pipe	63.00			4561.00	
Change Over Sub	1.00			4562.00	
Bullnose	3.00			4565.00	105.00 Bottom Packers & Anchor

Total Tool Length: 125.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Corp.

21-13s-30w Gove,KS

PO Box 837
Russell KS 67665

Brookover #21-1

Job Ticket: 48824

DST#: 2

ATTN: Brad Hutchison

Test Start: 2012.08.19 @ 07:36:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.36 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100% m with Few Oil Spots	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

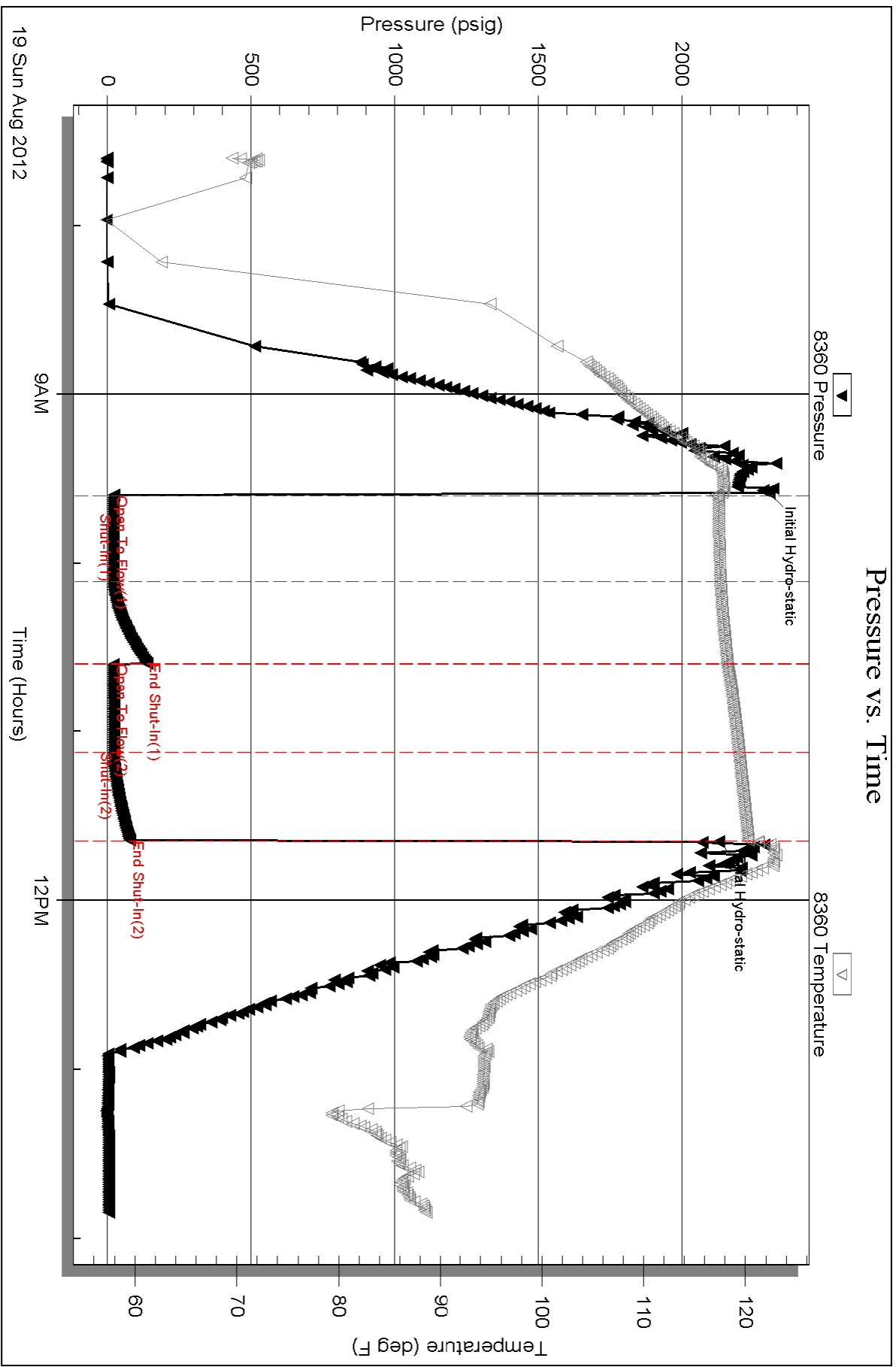
Serial #: 8360

Inside

Prospect Oil & Gas Corp.

Brookover #21-1

DST Test Number: 2

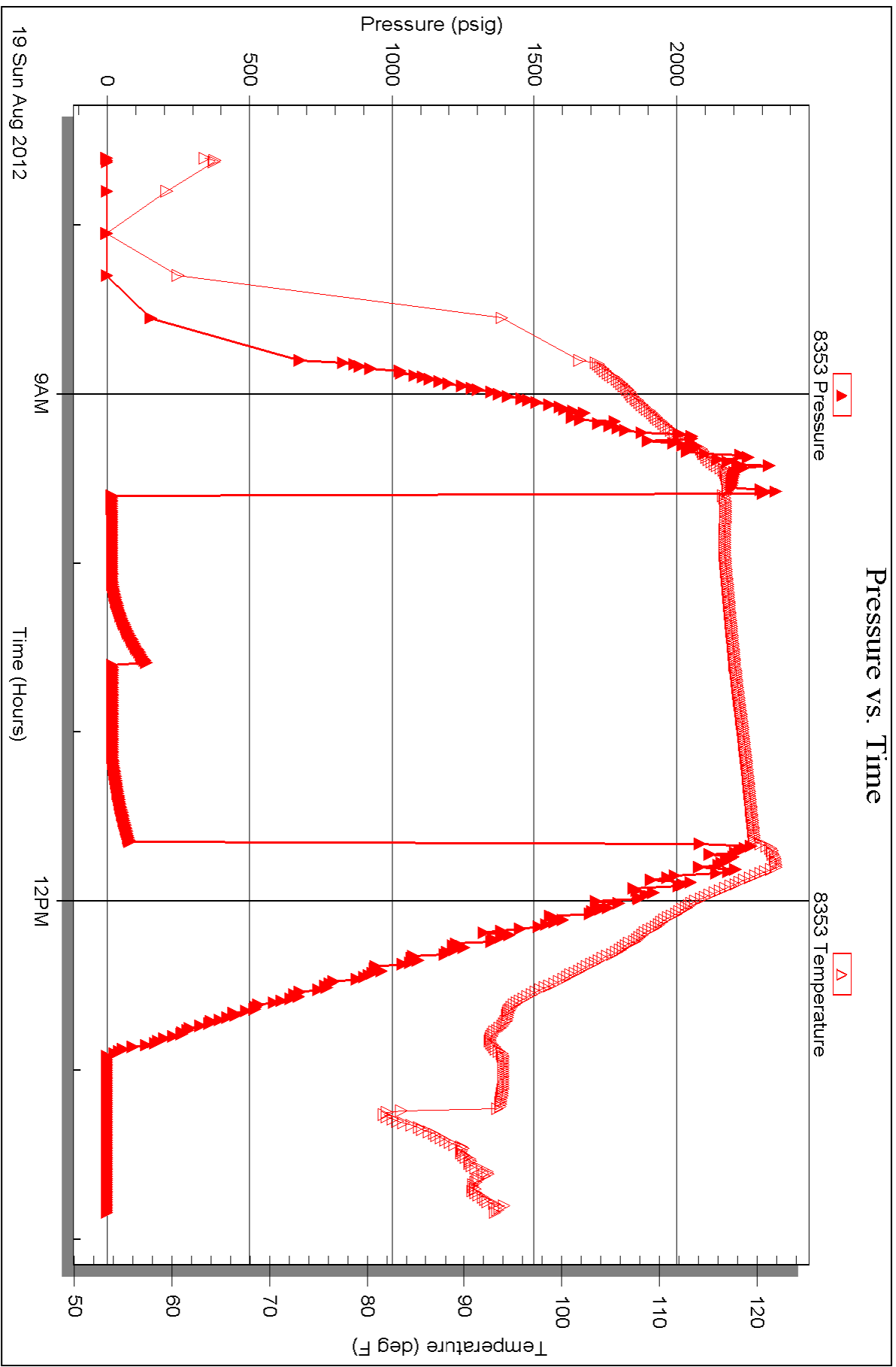


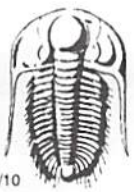
Serial #: 8353

Outside Prospect Oil & Gas Corp.

Brookover #21-1

DST Test Number: 2





TRIOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48823

Well Name & No. Brookover #21-1 Test No. DST #1 Date 8-17-12
 Company Prospect Oil & Gas Corp. Elevation 2899 KB 2894 GL
 Address P.O. Box 837 Russell KS 67665
 Co. Rep / Geo. Brad Hutchinson Rig Royal Rigs #1
 Location: Sec. 21 Twp. 13s Rge. 30W Co. Gove State KS

Interval Tested 4105-4180 Zone Tested LRC "H-I-J"
 Anchor Length 75 Drill Pipe Run 4105 Mud Wt. 9.4
 Top Packer Depth 4101 Drill Collars Run 0 Vis 56
 Bottom Packer Depth 4105 Wt. Pipe Run 0 WL 88
 Total Depth 4180 Chlorides _____ ppm System LCM 215

Blow Description IF - Wear Surface Blow Built to 1"
ISI - No Blow
FF - No Blow
FSI - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>25</u>	<u>Mud w/ a few O.I spots</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 25 BHT 118 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

Test 1250
 Jars _____
 Safety Joint _____
 Circ Sub _____
 Hourly Standby _____
 Mileage 92 R/T 142.60
 Sampler _____
 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

T-On Location 11:42
 T-Started 12:24
 T-Open 14:01
 T-Pulled 16:07
 T-Out 17:34

Comments _____

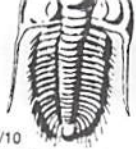
Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 1392.60
 MP/DST Disc't _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30

Sub Total 1392.60

Our Representative Bill [Signature]

Approved By _____
 Triobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48824

Well Name & No. Brookover #21-1 Test No. DST #2 Date 8-19-12
 Company Prospect Oil & Gas Corp. Elevation 2899 KB 2894 GL
 Address P.O. Box 837 Russell KS 67665
 Co. Rep / Geo. Brad Hutchinson Rig Royal Rig #1
 Location: Sec. 21 Twp. 13S Rge. 30W Co. Grove State KS

Interval Tested 4460 - 4565 Zone Tested Johnson / Mississippi
 Anchor Length 105 Drill Pipe Run 4452 Mud Wt. 9.4
 Top Packer Depth 4456 Drill Collars Run 0 Vis 49
 Bottom Packer Depth 4460 Wt. Pipe Run 0 WL 10.4
 Total Depth 4565 Chlorides 3000 ppm System LCM 1

Blow Description IF - Weak Surface Blow 1/2"
ISI - No Blow
FF - No Blow
FST - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud with Few Oil Spots</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 117 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2304 Test 1250 T-On Location 7:06
 (B) First Initial Flow 21 Jars _____ T-Started 7:36
 (C) First Final Flow 21 Safety Joint _____ T-Open 9:35
 (D) Initial Shut-In 137 Circ Sub _____ T-Pulled 11:39
 (E) Second Initial Flow 22 Hourly Standby _____ T-Out 13:50
 (F) Second Final Flow 22 Mileage 92 R/T 142.60 Comments _____
 (G) Final Shut-In 77 Sampler _____
 (H) Final Hydrostatic 2129 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby 12 1/2 Hr
 Accessibility _____
 Sub Total 1392.60

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 416.67
 Total 1809.27
 MP/DST Disc't _____

Approved By _____ Our Representative Zim m
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.